

ABSTRACT

An electrical connector that may be surface mounted to a circuit board that includes a housing having an outer shielding and mounting posts formed at a base of the connector. The outer shielding surrounds the housing and includes two "T-shaped" extensions that are formed at a bottom of the shielding. The "T-shaped" extensions are bent at approximately a 90° angle with respect to the lateral walls of the housing and through an opening in the mounting posts such that the top of "T" is retained within a groove that is formed in the bottom of each mounting post. The top of the "T" has length that is longer than the diameter of the mounting post such that the ends of the "T" extend beyond the periphery of the mounting post, and are longer than the diameter of a receiving hole of a printed wiring board into which the mounting post is inserted. When the connector is mounted to a printed wiring board, the mounting posts are inserted into their respective receiving holes and the ends of the "T" that extend beyond the periphery of the mounting posts are deflected upwardly in a direction opposite of the direction of insertion to retain the connector on the printed wiring board.

This Sheet Has Been Replaced

